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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 18th January 1964

Special Notice

The following Groups of Abridgments of Patent Specifications have been published and copies thereof are available for sale at the Counter of the Government of India Book Depot, 8, Hastings Street, Calcutta at Rs. 2.00 per copy.

Group VI (Containing Abridgments of Patent Specifications between Nos. 40,001 to 50,000).	Filtering and straining liquids.
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Group XI (Containing Abridgments of Patent Specifications between Nos. 40,001 to 50,000).	Fats, waxes and oils.
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Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

28th December 1963

- 91499. F. F. Payapilly. Weaving korah grass mats.
- 91500. S. Ramanujam and B. D. Sharma. Improvements in or relating to modifications to vermiculite for use in inhibitive primers.
- 91501. S. Ramanujam and B. D. Sharma. Improvements in or relating to coated pigments.
- 91502. Koppers Company, Inc. Improvements in or relating to horizontal coke oven batteries and methods of operation thereof.
- 91503. Koppers Company, Inc. Improvements in or relating to horizontal coking retort ovens and methods of operation thereof.
- 91504. Dr. K. N. Johri. A manufacturing process for solid potassium tri-thiocarbonate for safe, efficient and economical inorganic analysis, replacing gaseous hydrogen sulphide.
- 91505. Shell Internationale Research Maatschappij N. V. A process for the preparation of aromatic nitriles.
- 91506. Shell Internationale Research Maatschappij N. V. A process for the preparation of aromatic nitriles halogenated in the nucleus.
- 91507. Lansing Bagnall Limited. Improvements in or relating to load-handling apparatus such as pallet-lifting trucks. (11th January 1963).
- 91508. The British Oxygen Company Limited. Purification of gas mixtures. (4th January 1963).
- 91509. AMP Incorporated. Improvements in or relating to electrical connectors. (17th January 1963).
- 91510. AMP Incorporated. Improvements in co-axial electrical connectors.

91511. AMP Incorporated. Improvements in or relating to electrical connectors. (5th February 1963). [Addition to No. 74286].

91512. C. A. V. Limited. Pressure regulating valves. (14th January 1963).

91513. Dr. K. Diebner. Process and apparatus for separating isotopes.

91514. Highveld Development Company Limited. Improved reducing processes.

91515. Highveld Development Company Limited. Utilization of titaniferous magnetite.

91516. Stauffer Chemical Company. Chlorination of methane.

30th December 1963

91517. B. R. Pai and C. V. I. Sahasranaman. A mechanism for producing simultaneous rotary-cumplier motion and appliances in which such a mechanism is used.

91518. Upendra Nath Sadhukhan. A process for reconditioning vehicle chains.

91519. A. P. Oka. Electric circuit which performs rectification operations without using a stepdown transformer.

91520. Koppers Company, Inc. Improvements in or relating to coke oven batteries.

91521. S. Prasad. Improvements in or relating to a hanger for wearing apparel.

91522. R. B. S. Rubber Mills Private Limited. Improvements in or relating to brake shoes for bicycle brakes.

91523. The Lummus Company. Continuous pulping process.

91524. Warner-Lambert Pharmaceutical Company. Chemical compounds and process.

91525. Mefina S. A. A sewing machine for sewing decorative stitches.

91526. The Singer Company. Sewing machines. (13th March 1963).

91527. Shell Internationale Research Maatschappij N. V. Novel pesticidal organophosphorus compounds.

91528. Dunlop Rubber Company Limited. Improvements in or relating to pneumatic tyres. (18th January 1963).

91529. Biochemie Gesellschaft mit beschränkter Haftung. Well crystallized, difficulty soluble salts of phenoxy methyl penicillin and process of making same.

91530. The Goodyear Tire & Rubber Company. Improvements in polymerization of 2, 2, 4-trimethyl-1, 2-dihydroquinoline.

91531. Sperry Rand Corporation. Memory device and method.
91532. H. C. Sardana. Improvements in doors and shutters to form chhaja for shops, etc.
91533. Schering Aktiengesellschaft. Miticidal agents.
31st December 1963
91534. G. D. Searle & Co. Hydrazone derivatives of diphenylmethyl-1-aminopiperidine and related compounds.
91535. Tohoku Kyodo Kagakukogyo Kabushiki Kaisha. Compositions for agricultural use.
91536. Standard Telephones and Cables Limited. Improvements in or relating to the manufacture of semiconductor devices. (8th February 1963).
91537. Standard Telephones and Cables Limited. Improvements in or relating to the manufacture of semiconductor devices. (8th February 1963).
91538. Standard Telephones and Cables Limited. Improvements in or relating to the manufacture of semiconductor devices. (8th February 1963).
- 1st January 1964
91539. Imperial Chemical Industries Limited. Oxidation process. (7th January 1963).
91540. Imperial Chemical Industries Limited. Catalytic oxidation process. (15th March 1963).
91541. Imperial Chemical Industries Limited. Catalytic oxidation process. (29th March 1963).
91542. Philip Morris Incorporated. Container with telescopic cover.
91543. O. Guhring, A. Guhring and M. Guhring. Device for grinding the steps of multistart spirally toothed tools.
91544. Ahmedabad Textile Industry's Research Association. An improved method for producing drip-dry finishes on cellulosic fabrics.
91545. Shalimar Industries Private Limited. Improvements in and relating to yarn carrying bobbins for machines for spinning, twisting or doubling fibrous materials.
91546. Farbenfabriken Bayer-Aktiengesellschaft. Process for the manufacture of black dyeings on cellulosic materials.
91547. Farbenfabriken Bayer Aktiengesellschaft. Process for the manufacture of fast dyeings on cellulosic materials.
91548. Farbenfabriken Bayer Aktiengesellschaft. Process for the manufacture of brilliant bluish red dischargeable grounds on cellulosic materials being fast to chlorine.
91549. Metalimpex Acel es Femkulkereskedelmi Vallalat. Process for producing concentrates of high manganese content, electrolytic manganese, synthetic manganese dioxide, and manganese salts.
91550. Inpower Works (Proprietary) Limited. Hydraulic apparatus fluid control means.
91551. PHD, Inc. Educational device.
91552. Thomson-Automatismes. Control systems for electric motors.
91553. Cull Developments Limited and W. Cull. Improvements in or relating to transmission systems. (2nd January 1963).
91554. Cull Developments Limited and W. Cull. Improvements in or relating to transmission systems. (2nd January 1963).
91555. Standard Telephones and Cables Limited. Electrical contact arrangements.
91556. Standard Telephones and Cables Limited. Method and means for forming semi-conductor contacts.
91557. Standard Telephones and Cables Limited. Asymmetrical D.C. signalling method over two-wire telecommunication, particularly telephone lines.
91558. The Gabriel Company. Self-damping suspension unit.
91559. The Gabriel Company. Self-damping suspension unit.
91560. Merck & Co., Inc. Derivatives of amino acids and processes for producing same.
91561. I. Naito. Rope drawing apparatus.
91562. Clevite Corporation. Sintered rubbing contact material and method for producing same.
91563. O. P. Bharadwaj. Special continuous strip joggling and helical forming machine.
91564. V. R. Bhide. Vacuum flask.
91565. N. V. Patel. "Air tight room arrangement" for producing electricity again from a head of water.
2nd January 1964
91566. Jyotsna Adhikari. Improvements in or relating to rail trolleys.
91567. General Electric Company. Composition and process.
91568. Hitachi Ltd. Turbines.
91569. Hitachi Ltd. Current transformer windings.
91570. Braunschweigische Maschinenbauanstalt. Improvements in apparatus for extraction from plant materials. (7th October 1963).
91571. Dortmund-Hörder Huttenunion Aktiengesellschaft. Improvements relating to the treatment of metal melts. (7th October 1963).
91572. American Machine & Foundry Company. Apparatus and method for forming helically welded tubing.
91573. Vsesojuzny Nauchno-Issledovatel'skiy Institut Zashchity rasteny and Pervy Gosudarstvenny zavod Bakterial'nykh preparaty. Biological bacterial preparation for combating insect-pests of crops and method of its preparation.
91574. M. L. Milj, A. E. Malakhovsky, E. V. Jablonsky, V. V. Grigorjev, A. M. Grodzinsky and B. S. Sirotinsky. Main rotor blade.
91575. Vyzkumny Ustav Obrabecich Stroj a Obrabeni. A wiper for guiding surfaces of machine tools.
91576. Spofa, Sdruzeni Podniku Pro Zdravotnickou Vyrobu. A method of preparing new 4-carboxylalkylmercapto-5-aryl pyrimidine.
91577. Spofa, Sdruzeni Podniku Pro Zdravotnickou Vyrobu. A method of preparing new semi-synthetic penicillins.
91578. Veb Maschinenfabrik Und Eisengiesserei Wurzen. Process for purification, compression and drying of acetylene, especially for dissolved acetylene.
91579. Veb Maschinenfabrik Und Eisengiesserei Wurzen. Decanting apparatus for acetylene or other easily inflammable substances.
91580. Veb Chemiefaserwerk Schwarza "Wilhelm Pieck". Process for production of threads, fibres, foils and the like from linear polyesters or copolyesters.
91581. Laboratorien Hausmann AG. Process of preparing therapeutically useful compositions.
91582. Deutsche Gold- Und Silber-Scheideanstalt Vormal Roesler. Plant-growth regulating agents. (19 November 1963).
91583. The Black-Clawson Company. Paper machinery.
91584. Veb Arzneimittelwerk Dresden. Process for automatic production of a hot-sealed letter-type packing.
91585. Chugai Seiyaku Kabushiki Kaisha. L-ornithine L-aspartate and processes for preparing the same.
91586. Central Paint Company Private Ltd. Therminol plastic knifing compound.
91587. S. R. Gunti. A ferti seed drill.
91588. Gestetner Limited. Improvements in or relating to offset rotary printing machines. (4th January 1963).

91589. Polymer Corporation Limited. Polymerization of conjugated diolefins. (5th January 1963).

3rd January 1964.

91590. G. K. Girdhar. Cradle dynamometer.

91591. K. Rathinam. Protective device for 3 phase motors in case of failure of supply in one or more phases.

91592. S. Nagaratnam and M. M. Rao. Improved velocity traverse.

91593. E. K. Cole Limited. Improvements in or relating to radio receivers. (4th January 1963).

91594. Chemical Construction Corporation. Method and apparatus for recovery of gas from steel furnaces.

91595. J. M. Malek. Improvements to heat exchangers.

91596. P. R. Ganeriwala. Oil burning attachment for oil-gas producers.

91597. B. P. Pande. An improved plough.

91598. K. S. Pai. A novel oxy-hydrogen flame welder.

Alteration of date

81562. The claim to priority date 4th April 1961 has been abandoned and the application dated as of 2nd April 1962, the date of filing in India.

85599. Ante-dated to 19th July 1962 under Section 5 of the Act.

91478. Ante-dated to 28th March 1962 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

81482. California Research Corporation. Process of producing a subsurface water resistant membrane to prevent soil water seepage. Accepted on 28th December 1963.

Comprising causing an aqueous dispersion of finely divided wax particles stabilized by a dispersing agent to penetrate into porous soil, whereby dispersion breaks and wax particles form a wax membrane.

81557. M. Krishnaswami. Improvements in or relating to carriage equipments. Accepted on 1st January 1964.

Comprising mainly at least four pedestals provided with pivoted posts which can be turned at right angles to the axis of the pedestals so as to fold or collapse the posts, a number of fabricated meshed side walls adapted to be supported by said pivot posts.

81562. P. Fanghanel and Company Limited. Improvements relating to convertible chairs. Accepted on 2nd January 1964.

Comprises a seat frame and a back frame movable to form together the seat frame of settee and arm frames movable to form back frame of the settee.

81612. Vianova Kunstharz Aktiengesellschaft. Process for the production of hardenable products by multiesterification. Accepted on 3rd January 1964.

Admixing an additive compound from maleic anhydride and unsaturated fatty acids and esters thereof, and a polyhydric compound carrying at least 2 primary OH groups.

81643. Preparation Industrielle Des Combustibles. Improvements in or relating to vibrators. Accepted on 1st January 1964.

Comprises a pulley tube carrying an unbalanced weight which pulley tube is supported by an axle attached to the vibrating unit.

81657. General Electric Company. Lubricants for metallic surfaces, particularly aluminium. Accepted on 1st January 1964.

Comprising an oil of lubricating viscosity containing dissolved monoethylenically unsaturated compound.

81671. G. Novaky Jr. Improvements in or relating to a furnace for the manufacture of glass. Accepted on 3rd January 1964

Having a tank adapted at one end to receive the glass constituents and at the other for withdrawal of finished glass, and having in fuels ports and separate air ports for admission of air streams in parallel to the fuel streams supplied through the fuel ports.

81700. Trikotfabriken J. Schiesser AG. Spinning heads with multiple nozzles for producing composite synthetic filaments in particular threads. Accepted on 3rd January 1964.

Comprises a core nozzle and a ring nozzle surrounding the core nozzle with separate feeding spaces for the spinning masses provided for the individual stages of inverse multiple nozzles.

81779. Council of Scientific and Industrial Research. Process for enamelling of iron or steel directly with white or coloured vitreous enamels. Accepted on 2nd January 1964.

By treating a steel ware with an acid, heating to 600—800°C, washing with an aqueous solution of a chemical comprising oxalic acid, sodium oxalate etc., applying enamel and firing.

81935. A. N. Parakh and P. A. C. Wadia. Improved pressure kettle for boiling water and the like. Accepted on 30th December 1963.

Comprising a receptacle having a spout fitted with a closure, the closure having slots, a whistle consisting of a partition wall with a hole near its centre at the mouth of the closure, a handle for holding the kettle, the handle having a spindle housed within it to manipulate the closure.

82037. Foils Packaging Corporation. Cartons. Accepted on 28th December 1963.

End flaps being all integrally connected with each other by a tab portion in each corner, each tab portion being defined by two spaced diagonal crease lines extending divergently out from the transverse crease lines on either side of the adjacent longitudinal bend line.

82695. H. Holloway. Process and apparatus for treating particulate solids. Accepted on 1st January 1964.

Comprising introducing the solids and the liquid each from one end of the treatment zone and pulsating the contents and removing the solids free of the material associated therewith from the second end.

82972. H. Glastra. Yarn winding machine. Accepted on 26th December 1963.

Includes a guiding tube with a suction tube through which yarn passes during rewinding, Vacuum creating means in suction tube and a knotter.

83013. The Bendix Corporation. An internally threaded sleeve to form a link of adjustable length and process of producing said sleeve. (30th March 1962). Accepted on 28th December 1963.

Sleeve has one dead end formed integrally therewith, and its interior surface provided adjacent its open end with a bottleneck restriction the inner wall of which is upset to form threads therein.

83031. Boehringer Ingelheim Limited. Process for the preparation of O, O-dimethyl-dithiophosphoryl acetic acid-monomethyl amide. Accepted on 30th December 1963.

Wherein bis-O, O-dimethyl dithiophosphoryl-acetic acidglycol ester is reacted with methylamine at temperature below 30°C.

83111. S. M. Bashir. Improvements in or relating to furnaces for burning bagasse and like wet fuels and to fuel economisers therefor. Accepted on 1st January 1964.

Comprises a network of pipework in the flue, bottom end connected to a hemispherical vessel and top ends to two metal plate transitions so that cold air entering duct work will be heated.

83112. Health Products Private Limited. Improvements in or relating to a device for dispensing material. Accepted on 28th December 1963.

Comprises a barrel and a plunger mechanism slidably fitted in the said barrel, wherein the inner wall of the said barrel is uniform and of same diameter all through and internal screw threads are formed at the mouth of the free end of the said barrel.

83116. Bristol Siddeley Engines Limited. Improvements in aircraft. (6th July 1961). Accepted on 1st January 1964.

Wherein safe and unsafe conditions are distinguished by weighing the air speed and thrust of jet by predetermined quantities and derived from them is the sum of potential lift of wing and of jet to compare with predetermined datum indication for safe take off.

83122. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Process for oxidising toluene to benzoic acid. Accepted on 3rd January 1964.

Oxidising toluene with oxygen in presence of cobalt oenanthalate.

83123. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Process for the oxidation of toluene. Accepted on 3rd January 1964.

Oxidising toluene with oxygen in presence of cobalt benzoate.

83134. Hermorion Limited. Package for sterilized milk. Accepted on 3rd January 1964.

Characterized in that the package is made of a material consisting of body layer of paper, and a heat sealable layer of plastic.

83156. Charbonnages De France. Method of polymerization of acetaldehyde and formaldehyde in solution. Accepted on 3rd January 1964.

Comprising the reaction of the formaldehyde and the acetaldehyde in the presence of a solvent of the two monomers which is not a solvent of the polymers and co-polymers of the said monomers, and of a polymerisation catalyst.

83171. International Business Machines Corporation. Escapement mechanism for typewriter. Accepted on 2nd January 1964.

Wherein escapement mechanism is operable by means driven by cyclically operable means and independently by space bar means and means positioned by cyclically operable means obstructs movement space bar means until printing operations is completed.

83179. David Khan, Inc. Pen section assembly and writing instrument containing same. (21st November 1961). Accepted on 2nd January 1964.

Comprises writing tip mounted in the end of a longitudinal bore in pen holder, a valve mounted in the bore and having a resilient valve plug to close the bore wherein rearward pressure on writing tip forces valve plug away the valve seat.

83200. Imperial Chemical Industries Limited. Improvements in or relating to oriented films. (10th July 1961). Accepted on 3rd January 1964.

The birefringence of the film measured as the difference of refractive indices between the average value for the plane and that normal to the plane shows the film to be substantially oriented in the plane, the degree of orientation being such that the film has a tensile break strength in any direction in its plane of at least 15,000 psi measured at 20°C.

83237. Foster Wheeler Limited. Improvements in and relating to furnaces. Accepted on 3rd January 1964.

Furnace provided with pulverized fuel burner which are disposed so as to direct products issuing from them on to a target wall adapted to be maintained at a temperature below the fusion temperature of the ash container in the products.

83328. V. R. Bhide. Stoppering arrangement for vacuum flasks. Accepted on 3rd January 1964.

Characterised by that on the neck of the outer container are formed two sets of threads, one for engaging the outer cap and the other for engaging an arrester cap, the arrangement being such that as the arrester cap is screwed on it applies pressure on the stopper, arrester cap being housed within the outer cap.

83352. Jyoti Limited. Self priming centrifugal pump. Accepted on 1st January 1964.

Comprises baffle wall in the delivery side and a diffusion chamber in between delivery pipe and delivery end of pump casing.

83361. The Lummus Company. Process for treating aqueous solutions. Accepted on 30th December 1963.

Comprises forming a hydrate with a hydrate forming agent in the aqueous solution, reducing the temperature of the hydrate to the fusion temperature of water in the aqueous solution and decomposing the hydrate to form ice crystals.

83504. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Copolymers from esters of unsaturated acids. Accepted on 2nd January 1964.

Copolymerising ester of unsaturated acids at a temperature of -100° to +20°C in the presence of an anionic catalyst.

83511. Ciba Limited. New vat dyestuffs of the anthraquinone and perylene-tetracarboxylic acid series process for their manufacture and textile material dyed therewith. Accepted on 30th December 1963.

Sulfonating, hydrolysing, oxidising or sulfonating and ring closing a suitable vat dye-stuff of the anthraquinone or perylenetetracarboxylic acid series.

83896. Farbenfabriken Bayer Aktiengesellschaft. Pesticidal compositions. (15th June 1962). Accepted on 3rd January 1964.

Comprising a mixture of O, O-dimethyl- or O, O-diethyl-O-ortho- and para-nitro-phenylthionophosphate.

83989. Ploche Sklo Narodni Podnik. A method for the suppression of harmful recrystallisation of glass powder on heating. Accepted on 2nd January 1964.

Characterized in that to the glass powder an admixture containing glass forming oxides or alkali metal oxides or both simultaneously.

83994. Bostik Limited. Improvements in or relating to adhesive bonding and to such bonding of plasticized vinyl resin outsoles to shoe uppers. Accepted on 2nd January 1964.

Comprises the steps of applying to at least the surface of plasticized polyvinyl chloride a solution of linear polyurethane elastomer in a volatile organic solvent, allowing the solvent to soften and to evaporate sufficiently to leave a film of elastomer thereon, activating the film and pressing together the surfaces to be bonded.

84127. The Bendix Corporation. Antenna switching system. (12th June 1962). Accepted on 3rd January 1964.

For producing an antenna beam selectively directed to one of two positions with an antenna array having two waveguide terminals respectively energised to provide said beam at two positions comprising a four-port circulator.

84169. C. A. V. Limited. Liquid fuel injection pumps for internal combustion engines. (19th September 1961). Accepted on 3rd January 1964.

An aperture in all wall portion aligned with the end of the transverse bore containing the plungers and a radially slidable push piece within said aperture and bearing against the end of the plungers.

84230. Rank Precision Industries Limited. Improvements in or relating to the production of composite images. (9th October 1961). Accepted on 3rd January 1964.

The camera, project and subject are all situated on same side of the background member and focal length of projector objective lens is shorter than that of camera objective lens.

84238. Polymer Corporation Limited. Process for preparation of high cis 1:4 polybutadiene. Accepted on 3rd January 1964.

Polymerizing butadiene in the presence of a catalyst formed by admixing a catalytically inactive first component formed by interacting a titanium halide (I) of the formula TiX_nR_m wherein X is Cl or Br, R is Cl, Br or an organic radical, $m=0$ or 1, $n=4-m$; an organo metallic reducing compound at least one carbon the compound being attached to a metal of Group 1A, 2 or 3A of the Periodic System; and iodine and a second component being lithium hydrocarbon (II) the ratio of II to I being between 1.3:1 and 3.5:1 on a molar basis.

84299. Caterpillar Tractor Co. Heavy duty multi-purpose loader bucket. Accepted on 30th December 1963.

Comprising a cover clamp pivoted to the bucket adjacent its opposite ends, a pair of hydraulic jacks connecting the bucket and clamp to swing the clamp between open and closed portions.

84343. AMP Incorporated. Improvements in presses. [Addition to No. 76989]. Accepted on 30th December 1963.

Comprising a housing wherein a cam is pivotally connected to one end of a link of which the other end is pivotally connected to the housing, a toggle mechanism in the housing having one end pivotally connected to a fixed axis and a knee joint for engaging the cam, the other end of the toggle mechanism being secured to a press ram.

84349. Shell Internationale Research Maatschappij N. V. Bubble tray provided with variable gas passages for use in columns for contacting liquids and gases. (29th September 1961). Accepted on 1st January 1964.

The guide member cooperates with the valve body and has a configuration such that the valve body and guide member in fully open position are entirely adjacent to the opening in the tray so that the opening is completely exposed.

84628. Elektro-Thermit G.m.b.H. A method of welding workpieces and rails and apparatus therefor. Accepted on 28th December 1963.

Ends of workpieces or rails are enclosed in a mould of a refractory material and aluminothermic produced steel is cast into the gap, the shape of the mould is such that the cross-section of the cast steel is the same as that of the workpieces or rails.

84732. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. A process for nitriding ferrous metals. (25th July 1962). Accepted on 1st January 1963.

Process for nitriding ferrous metals in salt baths containing cyanate, where a salt melt is used which, in constant operation, contains less than 0.5% more especially 0.1% or less of dissolved iron.

84833. Union Carbide Corporation. Polyolefin compositions and films and filaments formed therefrom. Accepted on 30th December 1963.

Comprising 20—99% polyolefin; 1—80% of copolymer of ethylene and N-hydrocarbyl-N-vinyl acetamide, said copolymer containing 0.5—50% of copolymerised N-hydrocarbyl-N-vinyl-acetamide, all percentages by weight.

84867. The British Iron and Steel Research Association. Improvements in or relating to annealing. (7th November 1961). Accepted on 2nd January 1964.

Heating steel sheet containing .07 to .14% C and less than .02% P to a temperature of 740° to 850°C, rapidly quenching to 150° to 250°C, and over-aging the steel within the latter temperature range.

84937. Willcox & Gibbs Sewing Machine Company. Doffing device. Accepted on 30th December 1963.

Mounting a pair of doffing units normally urged to an operative position in which they co-operate with the wound packages to remove them from spindles and are movable to and held by latch means in an inoperative position.

85140. Giddings & Lewis-Fraser Limited. Textile carding machine. (16th November 1961). Accepted on 3rd January 1964.

Includes a set having a stripper roller interposed between two worker rollers located around the periphery of the cylinder and arranged to strip fibres from the cylinder.

85259. Western Electric Company, Incorporated. Bonding device for joining a wire-like member to a part. (21st August 1962). Accepted on 28th December 1963.

Comprising an elongated member having at one end a surface of a material harder than the wire and shaped to form a groove for supporting the wire in bonding position.

85422. C. A. V. Limited. Liquid fuel pumps. (7th December 1961). Accepted on 1st January 1964.

Comprising a cylindrical chamber accommodating the piston, a passage in the piston, spring urging the piston towards one end of the chamber, a valve in the passage, a radial arm on the annular cam.

85599. Jyoti Limited. Self priming centrifugal pump. [Divisional date 19th July 1962]. Accepted on 1st January 1964.

Suction chamber of which extends below the centre line of the pump casing so as to retain water to be used for priming.

85626. V. A. P. Chowdhary. Improvements in or relating to the manufacture of casurina pulp. Accepted on 28th December 1963.

Casurina chips are subjected to prehydrolysis with water on with dilute acetic acid, and thereafter subjected to cooking by the alkali process.

85669. Willcox & Gibbs Sewing Machine Company. Dof-fing device. Accepted on 3rd January 1964.

Includes an ejector element urged to a raised position, ejector element holding means and releasing means to move said element rapidly to engage wound bobbin and eject it.

85906. Goetzewerke Friedrich Goetze Aktiengesellschaft. Process for the fettling of castings. Accepted on 30th December 1963.

Forcibly imparting to the mixture of fettling agent and material to be fettled a supplementary movement which is controlled so that the fettling agent and the material to be fettled are automatically separated.

85914. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electrical devices comprising an amplifier and a supply battery, more particularly hearing-aids. Accepted on 1st January 1964.

Characterized in that the battery is housed in and surrounded by a substantially cylindrical metallic holder which is connected, at a point near one end of the rod-shaped battery, to the pole of the battery located in situ and connected, at a point near the other end of the battery, to the amplifier.

86074. Robert Bosch GMBH. Improvements in or relating to a moulding process and apparatus. Accepted on 3rd January 1964.

Sheared off cylindrical rod pressed on to the annular shoulder of a mould cavity of the shape of the finished article by means of a sleeve which is mounted to be axially displaceable on the ram and is guided in the mould.

86121. Shell Internationale Research Maatschappij N. V. Process for the preparation of aldehydes and/or alcohols. Accepted on 30th December 1963.

Comprises reacting a compound having olefinic linkage with carbon monoxide and hydrogen in the presence of a catalyst.

86256. Standard Telephones and Cables Limited. Relay pulse correction circuit. Accepted on 30th December 1963.

Comprises a plurality of relays and includes means controlled by the cumulative release times of first and second relays for providing an output signal of fixed width.

86293. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of improved condensation products from naphthalene sulphonic acids and aldehydes. Accepted on 3rd January 1964.

By reaction of naphthalene sulphonic acids with aldehyde, wherein the naphthalene sulphonic acid is treated with a stream of steam or gas or oxidising agent to free it from sulphurous acid.

86322. Aluminium Laboratories Limited. Process and apparatus for refining aluminium. Accepted on 28th December 1963.

Heater and the conduit comprised of a metal casing lined with a refractory material, which is entirely alumina with a low silica content.

91478. California Research Corporation. Aqueous wax dispersion. [Divisional date 28th March 1962]. Accepted on 28th December 1963.

Consisting of 0.05% to 35% by weight of a petroleum wax having a melting point range of 125°F to 165°F AMP, from 0.001% to 1.5% by weight of a polycarboxylated polymethylene, from 0.001% to 1.5% by weight of a trialkanolamine derivative of a fatty acid, from 0.001% to 1.5% by weight of a polyoxalkylene derivative of sorbitan monopalmitate, and the balance water to make 100%.

Opposition Proceedings

(1)

The application for patent numbered 77498 made by W. R. Schmitz in respect of which an opposition was entered by Chemtex Inc., as notified in Part III, Section 2 of the Gazette of India, dated 19th January 1963 has been treated as abandoned.

(2)

The application for patent numbered 77498 made by W. R. Schmitz in respect of which an opposition was entered by National Rayon Corporation Ltd., as notified in Part III, Section 2 of the Gazette of India, dated 26th January 1963 has been treated as abandoned.

Patents Sealed

74761.	76688.	76703.	76781.	77101.	77224.	77426.
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Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

75958—Compagnie Du Filage Des Metaux Et Des Joints Curty.

Renewal Fees Paid

40800.	40824.	41764.	41852.	42514.	42636.	42800.
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Extension of the term of Patent

The petition for extension of the term of Patent No. 39126 filed by Jin Das Jain and Nirmal Sethia and notified in Part III, Section-2 of the Gazette of India, dated the 29th June 1963, has been rejected by the Central Government.

Cessation of Patents

45879. 45882. 45883. 45885. 50070. 52778. 52801.
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Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 118705. AMP Incorporated, Eisenhower Boulevard, Harrisburg, Pennsylvania, United States of America, a corporation organized and existing under the laws of the State of New Jersey, United States of America, "Electrical connector", February 5, 1963 (United Kingdom).

Class 1. No. 120041. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Base plates", November 2, 1963.

Class 1. Nos. 120042 to 120044. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Angle bars", November 2, 1963.

Class 1. No. 120045. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Angle brackets", November 2, 1963.

Class 1. No. 120046. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Trays", November 2, 1963.

Class 1. No. 120047. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Electrical hobby kit" November 2, 1963.

Class 1. No. 120048. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Screw drivers", November 2, 1963.

Class 1. No. 120049. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Coil holders", November 2, 1963.

Class 1. No. 120050. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Commutator", November 2, 1963.

Class 1. No. 120054. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Rotors", November 2, 1963.

Class 1. No. 120276. Penguin Plastics, An Indian Partnership firm, 16-A, Bharati Bhavan, 1st Floor, 211-19, Frere Road, Fort, Bombay-1, Maharashtra, India, "Skirt hanger", November 22, 1963.

Class 3. No. 119619. Bright Manufacturing Company Limited, a British Company, Torrington Avenue, Coventry, Warwickshire, England, "A draught excluding or sealing strip", April 23, 1963 (United Kingdom).

Class 3. No. 119632. Deepchand Chhotmal Motha, an Indian national, 204, Samuel Street, (1st floor), Bombay-3, in the State of Maharashtra, within the Union of India, "Valves", September 21, 1963.

Class 3. Nos. 120051 to 120053. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Angle bars", November 2, 1963.

Class 3. No. 120055. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Trays", November 2, 1963.

Class 3. No. 120056. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Angle brackets", November 2, 1963.

Class 3. No. 120057. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Rotors", November 2, 1963.

Class 3. No. 120058. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Electrical hobby kit", November 2, 1963.

Class 3. No. 120059. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Screw drivers", November 2, 1963.

Class 3. No. 120060. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Coil holders", November 2, 1963.

Class 3. No. 120061. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Commutator", November 2, 1963.

Class 3. No. 120062. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Base plates", November 2, 1963.

Class 3. No. 120277. AMP Incorporated, a corporation organised and existing under the laws of the State of New Jersey, United States of America, Eisenhower Boulevard, Harrisburg, Pennsylvania, United States of America, "An insulating housing for an electrical connector", November 23, 1963.

Class 5. No. 120063. Dynam Engineering Corporation, an Indian partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Wrapper", November 2, 1963.

Class 5. No. 120285. Geoffrey Manners and Company Limited, Incorporated in India, Magnet House, Ballard Estate, City of Bombay, State of Maharashtra, India, "Cartons", November 26, 1963.

Class 5. No. 120318. Suresh Chandra Gupta, an Indian subject 13, Gour Laha Street, Calcutta-6, West Bengal, "Label", November 27, 1963.

Class 13. Nos. 120211 to 120216. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", November 14, 1963.

Class 13. Nos. 120253 to 120256. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E, Parel Chawl Road, Lalbaug, Bombay-12, Nationality-Indian Business concern (Private limited company). "Textile goods including silks and art-silk piecegoods". November 19, 1963.

Class 13. Nos. 120257 to 120259. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Cotton piecegoods", November 20, 1963.

Class 13. No. 120260. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Cotton piecegoods", November 20, 1963.

Class 13. Nos. 120287 to 120291. The Delhi Cloth & General Mills Co. Ltd., Indian Company, Post Box No. 1039, Bara Hindu Rao, Delhi-6, Delhi, "Textile piecegoods", November 26, 1963.

Class 13. No. 120322. The Delhi Cloth & General Mills Co. Ltd., Indian Company, Post Box No. 1039, Bara Hindu Rao, Delhi-6, Delhi, "Textile piecegoods", November 29, 1963.

Class 13. Nos. 120326 to 120333. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay, Maharashtra State, "Textile goods". November 30, 1963.

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